



Actual product appearance may vary.

BZ Series Standard Basic Switch, Single Pole Double Throw Circuitry, 10 A at 125 Vac, Roller Lever Actuator, 3,34 N [12 oz] Maximum Operating Force, Silver Contacts, Screw Termination, CSA, UL

Features

- Accepted world-wide standard "Large Basic" switch
- Low operating force and differential travel
- Long mechanical life up to 20,000,000 cycles at 95% survival
- Elongated mounting hole for easier, more accurate mounting
- Current rating ranges from 15 A to 25 A
- Choice of actuation, termination and operating characteristics

Potential Applications

- Irrigation systems
- Semi-trailer trucks
- Timing devices
- Office equipment
- Test instruments
- Medical/dental equipment
- HVAC equipment
- Manually operated devices
- Valves

Description

MICRO SWITCH™ BZ/BA Series standard basic switches are used for simple or precision on/off application needs.

Product Specifications

| | |
|-----------------------------|---|
| Switch Type | MICRO SWITCH™ Standard 25,4 mm H x 17,8 mm W x 50,8 mm L [1.0 in H x 0.7 in W x 2.0 in L] |
| Sealed | No |
| Ampere Rating | 10 A |
| Circuitry | Single Pole Double Throw (SPDT) |
| Actuator | Roller Lever |
| Termination | Screw |
| Operating Temperature Range | -55 °C to 85 °C [-67 °F to 185 °F] |
| Voltage | 125 Vac |
| Approvals | CSA,UL |

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|--------------------------------|---|
| Actuator Length | 31,75 mm [1.25 in] |
| Contact Type | Silver |
| Operating Force (O.F.) | 3,34 N [12.0 oz] max. |
| Release Force (R.F.) | 1,11 N [4.0 oz] min. |
| Pretravel (P.T.) | 0,38 mm [0.015 in] max. |
| Overtravel (O.T.) | 2,54 mm [0.10 in] min. |
| Differential Travel (D.T.) | 0,013 mm - 0,025 mm [0.0005 in - 0.0010 in] |
| Operating Position (O.P.) | 310,37 mm [10.235 in] |
| Material | Plastic |
| Housing Material | General Purpose Phenolic |
| High Temperature | 204 °C [400 °F] |
| UL File # | E12252 |
| CSA File # | LR41370 |
| Agency Approvals and Standards | 1054 |
| Mounting Screw Size | 3,53 mm [0.139 in] |
| Mounting Centers | 25,4 mm [1 in] |
| Maximum Tightening Torque | 0,33 N m [3.0 in lb] |
| Weight | 34,5 g [0.076 lb] |
| Package Height | 24,1 mm [0.95 in] |
| Package Width | 17,5 mm [0.69 in] |
| Package Length | 49,3 mm [1.94 in] |
| Recommended For | Best repeatability and operating position stability |
| Availability | Global |
| UNSPSC Code | 30211905 |
| UNSPSC Commodity | 30211905 Snap switches |
| Series Name | BZ/BA/WA/YZ |

